

Amendment to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A method comprising:
storing product data on a server coupled to receive requests from client devices;
generating a set of one or more common search requests for subsets of the product data **based on the frequency of previously received search requests and designation of a search request as a common search request;**
performing the generated set of common search requests to identify one or more products;
storing on the server an indication of one or more products identified as a result of performing the set of common search requests;
receiving a subsequent search request from a client device;
determining whether the subsequent search request is equivalent to one of the previously performed common search requests;
providing results from the stored results without performing the subsequent search request, if the subsequent search request is equivalent to one of the common search requests; and
performing the subsequent search request if the subsequent search request is not equivalent to one of the previously performed common search requests.

2. (Previously Presented) The method of claim 1 wherein the product data is stored on one of a plurality of servers, and further wherein and all requests from a particular user during a session are directed to a single server.
3. (Original) The method of claim 2 wherein a session comprises all requests that occur between a first request of the session and a predetermined period of time during which no requests are received by the server.
4. (Previously Presented) The method of claim 3, wherein the product data and information related to the session are maintained in volatile memory of the server.
5. (Canceled)
6. (Previously Presented) The method of claim 1 wherein the set of one or more common search requests comprises one or more searches for a category of information related to various products.
7. (Previously Presented) The method of claim 1 wherein the data stores product information for use with an electronic commerce World Wide Web site.

8. (Currently Amended) A machine-readable medium having stored thereon sequences of instructions that, when executed by one or more processors, cause one or more electronic devices to:

store product data on a server coupled to receive requests from client devices;

generate a set of one or more common search requests for subsets of the product data

based on the frequency of previously received search requests and designation of a search request as a common search request;

perform the generated set of common search requests to identify one or more products;

store on the server an indication of one or more products identified as a result of performing the set of common search requests;

receive a subsequent search request from a client device;

determine whether the subsequent search request is equivalent to one of the previously performed common search requests;

provide results from the stored results without performing the subsequent search request, if the subsequent search request is equivalent to one of the common search requests; and

perform the subsequent search request if the subsequent search request is not equivalent to one of the previously performed common search requests.

9. (Previously Presented) The machine-readable medium of claim 8 wherein the product data is stored on one of a plurality of servers, and further wherein and all requests from a particular user during a session are directed to the server.

10. (Previously Presented) The machine-readable medium of claim 9 wherein a session comprises all requests that occur between a first request of the session and a predetermined period of time during which no requests are received by a single server.

11. (Previously Presented) The machine-readable medium of claim 10, wherein the product data and information related to the session are maintained in volatile memory of the server.

12. (Canceled)

13. (Previously Presented) The machine-readable medium of claim 8 wherein the set of one or more common search requests comprises one or more searches for a category of information related to various products.

14. (Previously Presented) The machine-readable medium of claim 8 wherein the database stores product information for use with an electronic commerce World Wide Web site.

15-20. (Canceled)

21. (Currently Amended) A computer data signal embodied in transmission medium comprising instructions that, when executed by one or more processors, cause one or more electronic devices to:

store product data on a server coupled to receive requests from client devices;

generate a set of one or more common search requests for subsets of the product data

based on the frequency of previously received search requests and designation of a search request as a common search request;

perform the generated set of common search requests to identify one or more products;

store on the server an indication of one or more products identified as a result of performing the set of common search requests;

receive a subsequent search request from a client device;

determine whether the subsequent search request is equivalent to one of the previously performed common search requests;

provide results from the stored results without performing the subsequent search request, if the subsequent search request is equivalent to one of the common search requests; and

perform the subsequent search request if the subsequent search request is not equivalent to one of the previously performed common search requests.

22. (Previously Presented) The computer data signal of claim 21 wherein the product data is stored on one of a plurality of servers, and further wherein and all requests from a particular user during a session are directed to the server.

23. (Previously Presented) The computer data signal of claim 22 wherein a session comprises all requests that occur between a first request of the session and a predetermined period of time during which no requests are received by a single server.

24. (Previously Presented) The computer data signal of claim 23, wherein the product data and information related to the session are maintained in volatile memory of the server.

25. (Canceled)

26. (Previously Presented) The computer data signal of claim 21 wherein the set of one or more common search requests comprises one or more searches for a category of information related to various products.

27. (Previously Presented) The computer data signal of claim 21 wherein the database stores product information for use with an electronic commerce World Wide Web site.